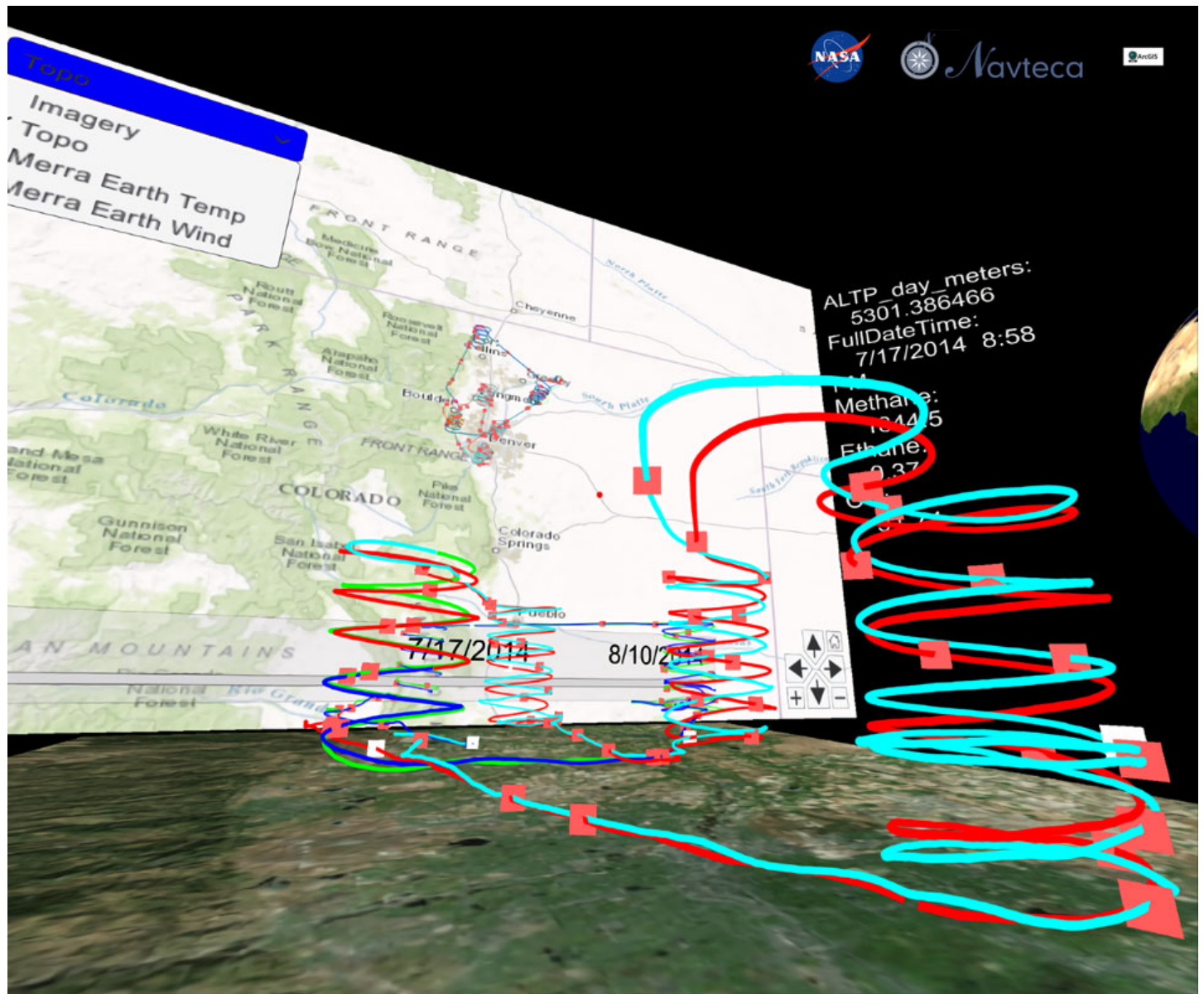


## My NASA Data - STEM Career Connections

### TECHNOLOGY: Data Visualization



### Education

Data visualizers require a bachelor's and master's degree (or equal professional experience) in computer science, maths, cartography, GIS, design or comparable major and 5 years of professional experience in data visualization/design. Visualization jobs are often a component of data analyst or data scientist roles.

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## Work Description

At the core of scientific visualization is the representation of data graphically - through images, animations, and videos - to improve understanding and develop insight. Data visualizers develop data-driven images, maps, and visualizations from information collected by Earth-observing satellites, airborne missions, and ground measurements. Visualizations allow us to explore data, phenomena and behavior; they are particularly effective for showing large scales of time and space, and "invisible" processes (e.g. flows of energy and matter) as integral parts of the models.

## Salary Range

Salary Range

\$75,000 - \$100,000

## NASA Connections

### Job Title NASA Examples:

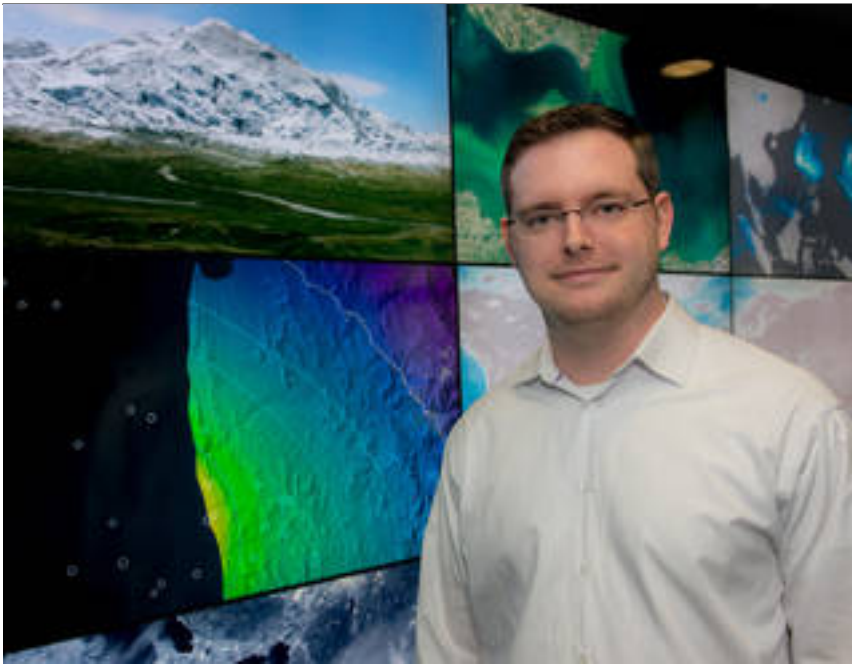
- Data Visualizer
- Data Modeling Analyst
- Data Scientist

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### NASA Career Links:

- NASA Careers [Link](#)
- NASA Internships & Fellowships Pathways [Link](#)
- NASA Student Volunteer Program [Link](#)
- Working for NASA [Link](#)

## NASA Professional Profile



Check out the [profile](#) of Joshua Steven, NASA Data Visualizer